Better Buildings Partnership Programs
The Better Buildings Partnership (BBP) programs promote energy conservation and demand management in Toronto.

- Staff expertise on energy conservation and demand management.
- Financing assistance through low-interest loans.
- Accessing and/or facilitating access to incentives through technical and project management support to clients.
- Partnership with energy management firms, utilities, and with all levels of Government.
About BBP

BBP Programs:

- Province's saveONenergy's High Performance New Construction and Major Renovation
- Toronto Green Standard (TGS)
- Home Energy Loan Program (HELP)
- High-rise Retrofit Improvement Support Program (Hi-RIS)
- Sustainable Energy Plan Financing (SEPF)
- Demand Response Program
- Energy & Water Reporting and Benchmarking (EWRB)
High Performance New Construction & Major Renovation

- An IESO province-wide program designed to encourage the design and construction of more efficient commercial, institutional, industrial, agricultural and multi-residential buildings
- Definition of New Construction and Major Renovation
- The City of Toronto’s Better Buildings Partnership role
- Incentive Streams – Prescriptive, Engineered, & Custom

Contact: David Hall, Shahzad Khan, Nickolas Lysenko - ApplyBBP@toronto.ca - 416-392-1110
High Performance New Construction & Major Renovation

- Building Modeling
- Design Decision-Maker
- Custom Incentives
- Engineered Incentives

Business (New Construction)

- 100% of 3rd party modeling costs up to $10,000
- Savings ≤ 10% above code*: $50/kW or $0.00625/kWh
- 10%< Savings ≤ 25% above code*: $100/kW or $0.0125/kWh
- Savings > 25% above code*: $150/kW or $0.01875/kWh

- Custom approach will depend on level of savings to lesser of:
  - Savings ≤ 10% above code: $400/kW or $0.05/kWh
  - 10%< Savings ≤ 25% above code, $600/kW or $0.075/kWh
  - Savings > 25% above code: $800/kW or $0.10/kWh
  - 50% of incremental project costs

- Engineered Track consists of a series of preset calculation worksheets that help estimate reduction in peak demand and or electricity consumption that apply to the installation of more energy efferent equipment or solutions.

Contact: David Hall, Shahzad Khan, Nickolas Lysenko - ApplyBBP@toronto.ca - 416-392-1110
BBP-New Construction is a key enabler of Toronto’s Green Standard (TGS)

What is TGS?

- A set of ‘made-in-Toronto’ performance measures for sustainable development addressing the City's environmental concerns and GHG emissions targets 80% by 2050 (19.5 million tonnes)
- A two tier system where all new planning applications must meet Tier 1 requirements. Tier 2 is incentive-based allowing successful applicants to access City Development Charge rebates

Contact: David Hall, Shahzad Khan, Nickolas Lysenko - ApplyBBP@toronto.ca - 416-392-1110
Toronto Green Standard (TGS)

**Pathway to Zero**

<table>
<thead>
<tr>
<th>Tier</th>
<th>2018</th>
<th>2022</th>
<th>2026</th>
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Off-site renewable energy procurement = Zero Emission Buildings

**Targets for High-Rise MURB**

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<th>Tier</th>
<th>New TGS Targets</th>
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<tr>
<td>TGS v2 T2</td>
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<tr>
<td>TGS v3 T2</td>
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<td>TGS v3 T4</td>
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</tbody>
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Contact: David Hall, Shahzad Khan, Nickolas Lysenko - ApplyBBP@toronto.ca - 416-392-1110
Home Energy Loan Program (HELP)

- About The Home Energy Loan Program (HELP)
- Eligibility, Qualified Improvements, Unique Features
- Application process

Contact: Sarah Rodrigues - homeenergyloan@toronto.ca - 416-392-1826
High-Rise Retrofit Improvement Support Program (Hi-RIS)?

- What is the High-Rise Retrofit Improvement Support Program (Hi-RIS)?
  - Low cost financing for improving the condition of apartment buildings

- Who is eligible?
  - Residential apartment buildings with 3 or more storeys located in Toronto

- How much financing is available to owners?
  - Up to 10% of the current assessed value per building

- What are the terms?
  - Must complete projects before December 2018
  - Owner must submit an energy audit from within the last 3 years

Contact: Fariha Husain - Fariha.Husain@toronto.ca - 416-392-9688
Sustainable Energy Plan Financing (SEPF)

Features
- Financing up 100% of project cost
- Financing at City's cost of borrowing
- Fixed rate for the length of the agreement
- Payback up to 20 years

Eligibility
- Community Based Entities (public and private not-for-profit)
- City of Toronto's Divisions, Agencies and Corporations

Requirements (Full SEPF Application)
- Detailed Application Form
- Energy Audit (ASHRAE)
- Financial Statements (2 years)
- Feasibility Study

Contact: Grant Kozlik - Grant.Kozlik@toronto.ca - 416-397-9217
Demand Response Program

Demand Response (DR) is an incentive program that pays organizations and business in Ontario to reduce their electricity use or generate electricity in response to prices and system needs.

Participant Compensation
You may receive about $70,000 per MW of available demand reduction annually.

Typical DR measures include:
- Peak Shifting Resiliency Generators
- Loads include:
  - HVAC Temp Set-points On/Off
  - Lighting
  - Refrigeration
  - Non Essential Plug Loads
  - Turbines/Generators

Current City Participants
To date, 22 City facilities are enrolled in the DR Program:
- Toronto City Hall
- Toronto Water (multiple buildings)
- Toronto Community Housing Corporation (multiple buildings)
- Parks & Recreation

Contact: Angelo Poto, Chaim Koff - Chaim.Koff@toronto.ca - 416-397-9218
Energy & Water Reporting and Benchmarking (EWRB)

- The City continues to assist the MOE with EWRB Implementation and provide support to Toronto buildings in helping comply with the regulation.
- Educational webinars, training sessions, one-on-one support and other resources are planned for the next coming months.
- Visit Toronto.ca/EWRB and subscribe to the EWRB Newsletter.

Contact: Munim Ahmer - Munim.Ahmer@toronto.ca - 416-392-1127
Applications and program details are available on our website:

http://www.toronto.ca/bbp
THANK YOU!

David Hall
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February 15, 2018